| | Туре | Hits | Search Text | DBs | Time Stamp | Comment s | De | Er ro rs |
|----|------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|--------------|----|----------------|
| 1 | BRS | 9479 79 | substrat\$3 layer\$2 | USPAT | 2002/12/20 12:18 | | | 0 |
| 2 | BRS | 4490 | pin near1 diode\$1 | USPAT | 2002/12/20 12:20 | | | 0 |
| 3 | BRS | 5069 | (pin 'p-i-n') nearl diode\$1 | USPAT | 2002/12/20 12:24 | | | 0 |
| 4 | BRS | 7801 | (pin 'p-i-n') near5 diode\$1 | USPAT | 2002/12/20 12:24 | | | 0 |
| 5 | BRS | 6144 9 | <pre>(\$3doped doping dopant\$1) same (spac\$3 trench\$3 region\$2 area\$2 length\$1 segment\$3 portion\$2)</pre> | USPAT | 2002/12/20 12:37 | | | 0 |
| 6 | BRS | 2119 | (\$3doped doping dopant\$1) same (spac\$3 trench\$3 region\$2 area\$2 length\$1 segment\$3 portion\$2) same (waveguid\$2 (wave near1 guide\$1)) | USPAT | 2002/12/20 12:38 | | 1 | 0 |
| 7 | BRS | 4870 7 | ((n\$1 p\$1) near7 dop\$5) | USPAT | 2002/12/20 12:38 | | | 0 |
| 8 | BRS | 6515 5 | (refract\$4 defract\$4) near3 index\$2 | USPAT | 2002/12/20 12:39 | | | 0 |
| 9 | BRS | 126 | densit\$4 same charg\$4 same (waveguid\$2 (wave near1 guide\$1)) | USPAT | 2002/12/20 12:51 | •••••••••••• | | 0 |
| 10 | BRS | 101 | densit\$4 same charg\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) | USPAT | 2002/12/20 12:55 | | | 0 |
| 11 | BRS | 13 | <pre>(densit\$4 same charg\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current)) and (densit\$4 same charg\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) same (dop\$5))</pre> | USPAT | 2003/04/14 17:32 | | | 0 |
| 12 | BRS | 9 | ((densit\$4 same charg\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current)) and (densit\$4 same charg\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) same (dop\$5))) and (diod\$3 \$3diode \$3diodes) | USPAT | 2002/12/20 13:33 | | (| 0 |
| 13 | BRS | б | ((densit\$4 amount\$1 concentration) near3 charg\$4) same carr\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) same (dop\$5) and (diod\$3 \$3diode \$3diodes) | USPAT | 2002/12/20 15:01 | | (| 0 |
| 14 | BRS | 3 | (((densit\$4 amount\$1 concentration) near3 charg\$4) same carr\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) same (dop\$5) and (diod\$3 \$3diode \$3diodes)) and ((pin 'p-i-n') near5 diode\$1) | USPAT | 2002/12/20 13:56 | | | ე |

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| 15 | BRS | 1 | <pre>(((densit\$4 amount\$1 concentration) near3 charg\$4) same carr\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) same (dop\$5) and (diod\$3 \$3diode \$3diodes)) and ((pin 'p-i-n') near5 diode\$1)</pre> | EPO; JPO; DERWENT | 2002/12/20 13:48 | | | 0 |
| 16 | BRS | 1 | (((densit\$4 amount\$1 concentration) near3 charg\$4) same carr\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) same (dop\$5) and (diod\$3 \$3diode \$3diodes)) | EPO; JPO; DERWENT | 2002/12/20 13:50 | | | 0 |
| 17 | BRS | 5 | <pre>(((densit\$4 amount\$1 concentration) near3 charg\$4) same carr\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) same (dop\$5))</pre> | EPO; JPO; DERWENT | 2002/12/20 13:50 | | | 0 |
| 18 | BRS | 6 | (((densit\$4 amount\$1 concentration) near3 charg\$4) same carr\$4 same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) same (dop\$5) and (diod\$3 \$3diode \$3diodes)) and diode\$1 | USPAT | 2002/12/20 14:27 | | | 0 |
| 19 | BRS | 124 | ((densit\$4 concentration) near11 (charg\$4 electrons)) same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) | USPAT | 2003/04/14 18:14 | | | 0 |
| 20 | BRS | 1430 1 | (index near1 refract\$4) near7 (adjust\$4 modif\$7 chang\$3 alter\$4) | USPAT | 2003/04/14 17:54 | | | 0 |
| 21 | BRS | 99 | ((densit\$4 concentration number) near4 (dop\$4)) same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current) | USPAT | 2003/04/14 18:14 | | | 0 |
| 22 | BRS | 1 | <pre>(modif\$7 chang\$3 alter\$4) near4 ((densit\$4 concentration number) near4 (dop\$4)) same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current)</pre> | USPAT | 2003/04/14 18:46 | | | 0 |
| 23 | BRS | 1 | 4624000.pn. | USPAT; US-PGPUB | 2003/04/14 18:36 | | | 0 |
| 24 | BRS | 1 | 4624000.pn. and (dop\$5 same (pn)) | USPAT; US-PGPUB | 2003/04/14 18:38 | | | 0 |
| 25 | BRS | 1 | (4624000.pn. and (dop\$5 same (p n))) and dop\$5 | USPAT; US-PGPUB | 2003/04/14 18:38 | | | 0 |
| 26 | BRS | 2 | <pre>(modif\$7 chang\$3 alter\$4) near6 ((densit\$4 concentration number) near4 (dop\$4)) same (waveguid\$2 (wave near1 guide\$1)) same (electr\$4 volt\$4 current)</pre> | USPAT | 2003/04/15 15:05 | | | 0 |

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|----|------|------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------|--------------|----------------------------------|----------------|
| 27 | BRS | 445 | electr\$5 same cell\$5 and species and molecul\$3 near3 switch\$4 and temperature | US-PGPUB | 2003/04/15 14:01 | | | 0 |
| 28 | BRS | 8 | (electr\$5 same cell\$5 and species and molecul\$3 near3 switch\$4 and temperature) and dipole\$1 same active | USPAT; US-PGPUB | 2003/09/25 14:40 | | | 0 |
| 29 | BRS | 0 | 4624000.pn. and electr\$5 same signal | USPAT; US-PGPUB | 2003/04/15 14:03 | | | 0 |
| 30 | BRS | 0 | 4624000.pn. and electr\$5 and signal | USPAT; US-PGPUB | 2003/04/15 14:04 | | | 0 |
| 31 | BRS | 0 | 4624000.pn. and electr\$5 same contact\$4 | USPAT; US-PGPUB | 2003/04/15 14:04 | | | 0 |
| 32 | BRS | 1 | 4624000.pn. and electr\$5 and contact\$4 | USPAT; US-PGPUB | 2003/04/15 14:04 | | | 0 |
| 33 | BRS | 1 | 4624000.pn. and (refract\$5 defract\$4 index\$2 attenuat\$4) | USPAT; US-PGPUB | 2003/04/15 15:05 | | | 0 |
| 34 | BRS | 1 | 4701774.pn. and (refract\$5 defract\$4 index\$2 attenuat\$4) | USPAT; US-PGPUB | 2003/04/15 15:05 | | | 0 |
| 35 | BRS | 1 | 4624000.pn. | USPAT; US-PGPUB | 2003/04/16 12:35 | | | 0 |
| 36 | BRS | 1 | 4624000.pn. and (thick\$6 mm nm micro\$5) | USPAT; US-PGPUB | 2003/04/16 13:11 | | | 0 |
| 37 | BRS | 0 | 4624000.pn. and (phase same modulat\$5) | USPAT; US-PGPUB | 2003/04/16 13:12 | | | 0 |
| 38 | BRS | 1 | 4624000.pn. and (phase\$2 same modulat\$5) | USPAT; US-PGPUB | 2003/04/16 13:12 | | | 0 |
| 39 | BRS | 1 | 4701774.pn. | USPAT; US-PGPUB | 2003/09/25 14:01 | | | 0 |
| 40 | BRS | 1 | 4701774.pn. and (adjust\$4 modif\$4 chang\$4 tun\$4 rotat\$4 tilt\$4 attenuat\$4 modulat\$4 power current) | USPAT; US-PGPUB | 2003/09/25 14:18 | | | 0 |
| 41 | BRS | 1 | 4701774.pn. and (voltag\$3 energ\$4 decreas\$4 increas\$\$ lowering reduc\$5) | USPAT; US-PGPUB | 2003/09/25 14:38 | | | 0 |
| 42 | BRS | 1 | 4701774.pn. and (voltag\$3 energ\$4 decreas\$4 increas\$\$ lowering reduc\$5 input\$4 output\$4) | USPAT; US-PGPUB | 2003/09/25 14:38 | | | 0 |
| 43 | BRS | | and molecul\$3 near3 switch\$4 and temperature) and dipole\$1 same | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/09/25 14:41 | | (| 0 |